

CERTIFICATE UNDER 37 CFR 3.73(b)

Applicant: Steve Horvath et al.

Atty. Dkt. No. 018360/233642 (702.286)

Application No.: 10/033,299

Filed: 10-25-2001

Group Art Unit 2121

Title: Pilot-Programmable Altitude Range Filter for Cockpit Traffic Display

Garmin AT, Inc. certifies that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application identified above to:
a copy of which is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application identified above, to
the current assignee as shown below:

1. From: Inventors
To: United Parcel Service of America, Inc.
The document was recorded 4/16/2002 in the Patent and Trademark
Office at Reel 012824, Frame 0587.
2. From: United Parcel Service of America, Inc.
To: UPS Aviation Technologies, Inc.
The document was recorded 8/28/2003 in the Patent and Trademark Office
at Reel 013922, Frame 0943.
3. From: UPS Aviation Technologies, Inc.
To: Garmin AT, Inc.
The document was recorded 9/4/2003 in the Patent and Trademark Office
at Reel 013933, Frame 0834.

☒ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of
the assignee.

Date

9/16/03

Min H. Kao

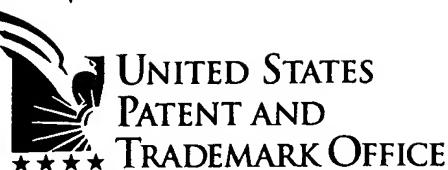
President, Garmin AT, Inc.

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SEP 24 2003

Technology Center 2100

JUL 1 2002

Received By *[Signature]*

- JUNE 25, 2002

PTAS

Chief Information Officer
Washington, DC 20231
www.uspto.govALSTON & BIRD LLP
SCOTT E. BRIENT
BANK OF AMERICA PLAZA
101 SOUTH TRYON STREET, SUITE 4000
CHARLOTTE, NC 28280-4000

102071259A

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RECORDATION DATE: 04/16/2002

REEL/FRAME: 012824/0587
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
HORVATH, STEVE

DOC DATE: 03/25/2002

ASSIGNOR:
BOWERS, CRAIG

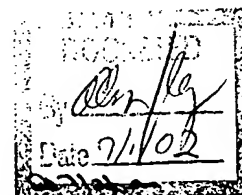
DOC DATE: 04/05/2002

ASSIGNOR:
GROVE, ROBERT

DOC DATE: 03/28/2002

ASSIGNOR:
HILB, BOB

DOC DATE: 04/04/2002

ASSIGNEE:
UNITED PARCEL SERVICE OF AMERICA,
INC.
55 GLENLAKE PARKWAY, N.E.
ATLANTA, GEORGIA 30328SERIAL NUMBER: 10033299
PATENT NUMBER:FILING DATE: 10/25/2001
ISSUE DATE:

012824/0587 PAGE 2

VIOLET MCCOY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

4/16/02 ASSI

0/ 29-2002



COVER SHEET Patents Only

To the Honorable Commissioner of Patents and Trademarks
Please record the attached original documents or copy thereof.

102071259

Attorney Dkt. No.: 18360-233642

1. Name of conveying party(ies):

Steve Horvath
Craig Bowers
Robert Grove
Bob Hilb

Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒

2. Name and address of receiving party(ies):

United Parcel Service of America, Inc.
55 Glenlake Parkway, N.E.
Atlanta, Georgia 30328

Additional name(s) & address(es) attached? Yes ☐ No ☒

3. Nature of conveyance:

- ☒ Assignment
☐ Merger
☐ Security Agreement
☐ Change of Name
☐ Other _____

Execution Date: Steve Horvath – March 25, 2002
Robert M. Grove – March 28, 2002
Craig Bowers – April 5, 2002
Bob Hilb – April 4, 2002

4. Application No. 10/033,299

Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? Yes ☐ No ☒

5. Name and address of party to whom correspondence concerning document should be mailed:

CUSTOMER NO. 00826
ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 16-0605

DO NOT USE THIS SPACE

9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Scott E. Brient

Name of Person Signing: Scott E. Brient

Reg. No. 44,561

Date

4/9/02

Total number of pages including cover sheet, attachments, and document: 7

ASSIGNMENT

THIS ASSIGNMENT, made by us, Steve Horvath, citizen of the United States of America, residing at 1694 37th Avenue NW, Salem, Oregon; Robert Grove, citizen of the United States of America, residing at 1612 N. Main, Newberg, Oregon; Craig Bowers, citizen of the United States of America, residing at 973 Summerleaf Drive, San Jose, California; and Bob Hilb, citizen of the United States of America, residing at 801 Towner Place, Anchorage, Kentucky, respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in PILOT-PROGRAMMABLE ALTITUDE RANGE FILTER FOR COCKPIT TRAFFIC DISPLAY for which an application for United States Letters Patent has been executed by us and previously filed on October 25, 2001, and which application claims priority from Application No. 60/243,239, filed October 25, 2000, all applications listed above being hereinafter referred to as the "application"; and

WHEREAS, UNITED PARCEL SERVICE OF AMERICA, INC., a Delaware corporation having a principal place of business at 55 Glenlake Parkway, County of Fulton, State of Georgia, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully

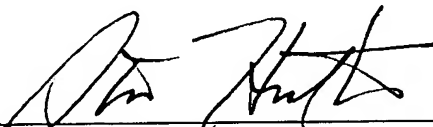
and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree, and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 25th day of March, 2002.



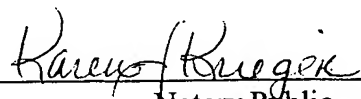
Steve Horvath (SEAL)

STATE OF OREGON)
COUNTY OF MARION)

I, KAREN J. KRIEGER, a Notary Public for said County and State, do hereby certify that Steve Horvath personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 25th day of MARCH, 2002.

(Official Seal)



Notary Public

My commission expires: MARCH 6, 2004



IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28 day of March, 2002.

Robert M. Grove (SEAL)
Robert Grove

STATE OF OREGON)
)
COUNTY OF MARION)

I, KAREN J. KRIEGER, a Notary Public for said County and State, do hereby certify that Robert Grove personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 28th day of MARCH, 2002.

(Official Seal)



Karen J. Krieger
Notary Public

My commission expires: MARCH 6, 2004

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 5th day of April, 2002.

Craig Bowers (SEAL)
Craig Bowers

STATE OF California)
COUNTY OF Santa Clara)

I, Diane Bergman, a Notary Public for said County and State, do hereby certify that Craig Bowers personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 5th day of April, 2002.



Diane Bergman
Notary Public

My commission expires: Dec. 2, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 4th day of April, 2002.

Robert C Hilb (SEAL)
Bob Hilb

STATE OF Kentucky)
COUNTY OF Jefferson)

I, Melody Mills, a Notary Public for said County and State, do hereby certify that Bob Hilb, personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 4 day of April, 2002.

(Official Seal)

Melody Mills
Notary Public

My commission expires: May 23, 2005

ATL01/11145900v1

Facsimile Transmission

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From: Name: USPTO ASSIGNMENT DIVISION
Fax Number:
Voice Phone: 703-308-9723

To: Name: GARMIN INTERNATIONAL, INC.
Company: DEVON A. ROLF
Fax Number: 19133979079
Voice Phone:

Fax Notes:

Pg#	Description
1	Cover Page
2	709.TXT
5	Document 1, Batch 255506

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DEVON A. ROLF
1200 EAST 151ST STREET
OLATHE, KS 66062



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RECORDATION DATE: 08/28/2003

REEL/FRAME: 013922/0943
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UNITED PARCEL SERVICE OF AMERICA,
INC.

DOC DATE: 08/22/2003

ASSIGNEE:

UPS AVIATION TECHNOLOGIES, INC.
2345 TURNER ROAD SE
SALEM, OREGON 97302

SERIAL NUMBER: 09892166
PATENT NUMBER:

FILING DATE: 06/26/2001
ISSUE DATE:

SERIAL NUMBER: 10029094
PATENT NUMBER:

FILING DATE: 10/25/2001
ISSUE DATE:

SERIAL NUMBER: 10033299
PATENT NUMBER:

FILING DATE: 10/25/2001
ISSUE DATE:

SERIAL NUMBER: 10016511
PATENT NUMBER:

FILING DATE: 12/10/2001
ISSUE DATE:

013922/0943 PAGE 2

SERIAL NUMBER: 10146624
PATENT NUMBER:FILING DATE: 05/14/2002
ISSUE DATE:SERIAL NUMBER: 10251220
PATENT NUMBER:FILING DATE: 09/19/2002
ISSUE DATE:SERIAL NUMBER: 10277769
PATENT NUMBER:FILING DATE: 10/22/2002
ISSUE DATE:SERIAL NUMBER: 10361305
PATENT NUMBER:FILING DATE: 02/10/2003
ISSUE DATE:SERIAL NUMBER: 10426008
PATENT NUMBER:FILING DATE: 04/29/2003
ISSUE DATE:SERIAL NUMBER: 07388579
PATENT NUMBER: 5091697FILING DATE: 07/31/1989
ISSUE DATE: 02/25/1992SERIAL NUMBER: 07604220
PATENT NUMBER: 5165269FILING DATE: 10/29/1990
ISSUE DATE: 11/24/1992SERIAL NUMBER: 07556664
PATENT NUMBER: 5172052FILING DATE: 07/23/1990
ISSUE DATE: 12/15/1992SERIAL NUMBER: 07916190
PATENT NUMBER: 5329260FILING DATE: 07/17/1992
ISSUE DATE: 07/12/1994SERIAL NUMBER: 08096605
PATENT NUMBER: 5386084FILING DATE: 07/22/1993
ISSUE DATE: 01/31/1995SERIAL NUMBER: 07795103
PATENT NUMBER: 5386150FILING DATE: 11/20/1991
ISSUE DATE: 01/31/1995SERIAL NUMBER: 09736473
PATENT NUMBER: 6437739FILING DATE: 12/13/2000
ISSUE DATE: 08/20/2002SERIAL NUMBER: 09790251
PATENT NUMBER: 6466846FILING DATE: 02/21/2001
ISSUE DATE: 10/15/2002SERIAL NUMBER: 09798615
PATENT NUMBER: 6473003FILING DATE: 03/02/2001
ISSUE DATE: 10/29/2002SERIAL NUMBER: 09835091
PATENT NUMBER: 6469660FILING DATE: 04/13/2001
ISSUE DATE: 10/22/2002SERIAL NUMBER: 09873969
PATENT NUMBER: 6542810FILING DATE: 06/04/2001
ISSUE DATE: 04/01/2003SERIAL NUMBER: 09901415
PATENT NUMBER: 6564149FILING DATE: 07/09/2001
ISSUE DATE: 05/13/2003SERIAL NUMBER: 09981677
PATENT NUMBER: 6545631FILING DATE: 10/17/2001
ISSUE DATE: 04/08/2003

013922/0943 PAGE 3

SERIAL NUMBER: 09892597
PATENT NUMBER: 6594578

FILING DATE: 06/27/2001
ISSUE DATE: 07/15/2003

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US0313875

FILING DATE:
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US0207165

FILING DATE:
ISSUE DATE:

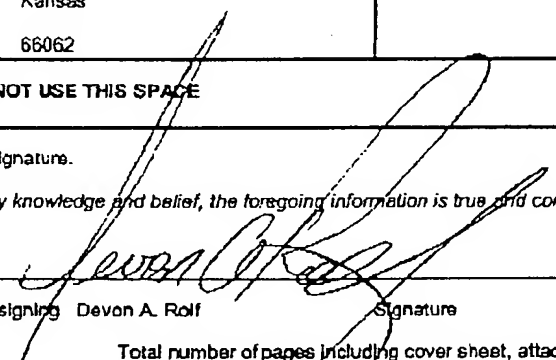
SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US0229945

FILING DATE:
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3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: 8-22-03					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s): 09/892,166; 10/029,094; 10/033,299; 10/016,511; 10/146,624; 10/251,220; 10/277,789; 10/361,305; 10/426,008; PCT/US03/13875; PCT/US02/07165; PCT/US02/29945 B. Patent No.(s): 5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,386,150; 6,437,739; 6,466,846; 6,473,003; 6,469,660; 6,542,810; 6,564,149; 6,545,631; 6,594,578 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Devon A. Rolf Internal Address: Garmin International, Inc. Street Address: 1200 East 151 st Street City: Olathe State: Kansas Zip: 66062		6. Total number of applications and patents involved:26 7. Total fee (37 CFR 3.41) \$ 1,040.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No.: 501-791 (Attach duplicate copy of this page if paying by deposit account)			
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Name of person signing: Devon A. Rolf		Signature		Date: 8/27/03	
Total number of pages including cover sheet, attachments, and document: 5					

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TO: Assignment Recordation Services
COMPANY: USPTO
FAX #: (703) 306-5995
FROM: Devon A. Rolf, Assistant General Counsel—Intellectual Property
GARMIN International, Inc. (E-mail: devon.rolf@garmin.com)
DATE: August 28, 2003

FACSIMILE COVER SHEET (Page 1 of 6)

Attached is a Recordation form Cover Sheet for recording the attached Assignment against the listed patents and applications. The Commissioner is hereby authorized to charge the full amount, or any portion thereof, or credit any overpayment, to Deposit Account No. 501-791.



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COMPANY: USPTO
FAX #: (703) 306-5995
FROM: Devon A. Rolf, Assistant General Counsel—Intellectual Property
GARMIN International, Inc. (E-mail: devon.rolf@garmin.com)
DATE: August 28, 2003

FACSIMILE COVER SHEET (Page 1 of 6)

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1. Name of conveying party(ies): United Parcel Service of America, Inc.

Additional name(s) of conveying party(ies) attached?
☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other: _____

Execution Date: 8-22-03

2. Name and address of receiving party(ies):

Name: UPS Aviation Technologies, Inc.

Internal Address:

Street Address: 2345 Turner Road SE

City: Salem

State: Oregon

Zip: 97302

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: ____

A. Patent Application No.(s): 09/892,166; 10/029,094;
10/033,299; 10/016,511; 10/146,624; 10/251,220;
10/277,769; 10/361,305; 10/426,008;
PCT/US03/13875; PCT/US02/07165;
PCT/US02/29945

B. Patent No.(s):

5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,386,150;
6,437,739; 6,466,846; 6,473,003; 6,469,660; 6,542,810; 6,564,149;
6,545,631; 6,594,578

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Devon A. Rolf

Internal Address: Garmin International, Inc.

Street Address: 1200 East 151st Street

City: Olathe

State: Kansas

Zip: 66062

6. Total number of applications and patents involved:.....26

7. Total fee (37 CFR 3.41)

\$ 1,040.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account No.: 501-791

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of person signing Devon A. Rolf

Signature

Date 8/27/03

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:
Director of the United States Patents and Trademark Office, Mail Stop Assignment Recordation Services
P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, United Parcel Service of America, Inc., a corporation duly organized under the laws of the State of Delaware, and having its principal place of business at 55 Glenlake Parkway, NE, Atlanta, County of Fulton, and State of Georgia 30328, is the owner of the applications and issued Letters Patents shown on the attached Schedule A, and the inventions illustrated and described therein; and

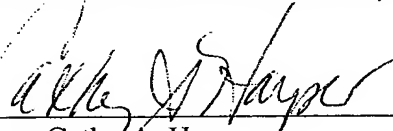
WHEREAS, UPS Aviation Technologies, Inc., an Oregon corporation, having a place of business at 2345 Turner Road SE, Salem, Marion County, Oregon 97302, is desirous of acquiring the entire right, title and interest in, to, and under said invention, said applications, and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, including consideration previously transferred, the receipt and sufficiency of which is hereby acknowledged, United Parcel Service of America, Inc. has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto said UPS Aviation Technologies, Inc., its successors and assigns, the full and exclusive right, title and interest, throughout the world, in, to and under said inventions as fully set forth and described in the documents listed in Schedule A attached hereto; in, to and under said applications; in, to and under any and all refilings, divisions and continuations of said applications; in, to and under said issued Letters Patents of the United States of America and any and all Letters Patents which may issue from said applications, refilings, divisions and continuations; in, to and under any and all reissues of said Letters Patent of the United States of America; in, to and under any and all applications for said Letters Patent upon said inventions which may hereafter be filed in any and all countries foreign to

the United States of America; in, to and under any and all refilings, divisions and continuations of said foreign-filed applications; in, to and under any and all Letters Patent of countries foreign to the United States of America, which may issue from the said foreign-filed applications, refilings, divisions and continuations; and in, to and under any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America, the same to be held and enjoyed by said UPS Aviation Technologies, Inc., for its own use and behoof, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and United Parcel Service of America, Inc. does hereby authorize and request the Commissioner of Patents to issue the said Letters Patent in accordance with this assignment.

EXECUTED this 22nd day of August, 2003.

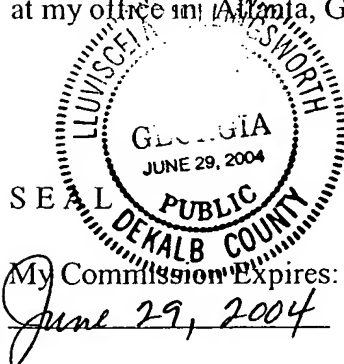
United Parcel Service of America, Inc.

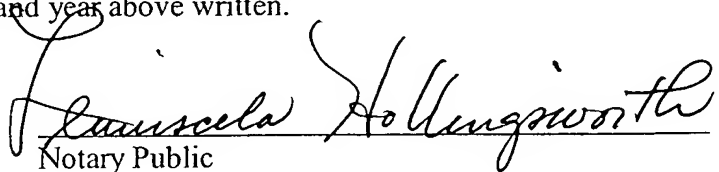
By 
Name: Cathy A. Harper
Title: Assistant Secretary

STATE OF GEORGIA)
) ss.
COUNTY OF FULTON)

On this 22nd day of August, 2003, before me appeared Cathy A. Harper, to me personally known, who by me was duly sworn, and acknowledged that she is the Assistant Secretary of United Parcel Service of America, Inc., and that she executed the foregoing Agreement on behalf of United Parcel Service of America, Inc.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in Atlanta, Georgia, the day and year above written.




Notary Public

SCHEDULE A

Country	Title	Appln. No.	Filing Date	Patent No.	Issue Date
US	Integrated Datalinks in a Surveillance Receiver	09/981,677	10-17-2001	6,545,631	04-08-2003
US	Low Power, High Accuracy Magnetometer and Magnetic Field Strength Measurement Method	07/388,579	07-31-1989	5,091,697	02-25-1992
US	Electronic Flux Gate Compass Calibration Technique	07/604,220	10-29-1990	5,165,269	11-24-1992
US	Current Sensor Assembly and Method	07/556,664	07-23-1990	5,172,052	12-15-1992
US	Numerically-Controlled Modulated Oscillator and Modulation Method	07/916,190	07-17-1992	5,329,260	07-12-1994
US	Electronic Device Enclosure	08/096,605	07-22-1993	5,386,084	01-31-1995
US	Method and Apparatus for Symbol Synchronization in Multiple-Level Digital FM Radio	08/157,996	11-24-1993	5,586,150	12-17-1996
US	Detection and Removal of Self-Alerts in a Tracking System	09/892,597	06-28-2001	6,594,578	07-15-2003
US	ADS-B and TIS Target Correlation	09/873,969	06-04-2001	6,542,810	04-01-2003
US	Displaying Target Icons Correlated to Target Data Quality	09/835,091	04-13-2001	6,469,660	10-22-2002
US	Positional Accuracy in GPS (Determine HFOM Using Adaptive Calculation Based on HAL)	09/790,251	02-21-2001	6,466,846	10-15-2002
US	Method for Determining Conflicting Paths Between Mobile Airborne Vehicles and Associated System and Computer Software	09/901,415	07-09-2001	6,564,149	05-13-2003
US	Very High Frequency Omni-Directional Range Signal Strength Computation & Phase Averaging	09/736,473	12-13-2000	6,437,739	08-20-2002

Country	Title	Appln. No.	Filing Date	Patent No.	Issue Date
US	Selectable Range Ring for an ADS-B CDTI Cockpit Display	09/798,615	03-02-2001	6,473,003	10-29-2002
US	ADS-B and TIS Target Correlation	10/361,305	02-10-2003	702 280 - Pending 288	
US	Systems and Methods for Correlation of an ADS-B Target and a TCAS Intruder in an Air Traffic Control System	10/277,769	10-22-2002		
US	Systems and Methods for Early Fault Detection and Delayed Exclusion in Global Positioning System Navigational Systems	10/426,008	04-29-2003		
US	Receiver-Autonomous Vertical Integrity Monitoring	10/016,511	12-10-2001		
US	Systems and Methods for Controlling Brightness of an Avionics Display	10/146,624	05-14-2002		
US	Uninterruptable ADS-B System for Aircraft Tracking	10/251,220	09-19-2002		
US	Pilot Programmable Altitude Range Filter	10/033,299	10-25-2001		
US	Graphics Closure Indicator	10/029,094	10-25-2001		
US	Bit Detection Threshold in a TDMA Burst Communication System	09/892,166	06-26-2001		
PCT	Systems and Methods for Controlling Brightness of an Avionics Display	PCT/US03/13875	05-02-2003		
PCT	Systems and Methods for Correlation of an ADS-B Target and a TCAS Intruder in an Air Traffic Control System	PCT/US02/37165	11-19-2002		
PCT	Uninterruptable ADS-B System for Aircraft Tracking	PCT/US02/29945	09-20-2002		

Facsimile Transmission

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Company: DEVON A. ROLF
Fax Number: 19133979079
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2	627.TXT
5	Document 1, Batch 256192

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SEPTEMBER 05, 2003

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DEVON A. ROLF
1200 EAST 151ST STREET
OLATHE, KS 66062



700042681A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/04/2003

REEL/FRAME: 013933/0834
NUMBER OF PAGES: 3

BRIEF: CHANGE OF NAME (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

UPS AVIATION TECHNOLOGIES, INC.

DOC DATE: 08/25/2003

ASSIGNEE:

GARMIN AT, INC.
2345 TURNER ROAD SE
SALEM, OREGON 97302

SERIAL NUMBER: 09892166
PATENT NUMBER:

FILING DATE: 06/26/2001
ISSUE DATE:

SERIAL NUMBER: 10029094
PATENT NUMBER:

FILING DATE: 10/25/2001
ISSUE DATE:

SERIAL NUMBER: 10033299
PATENT NUMBER:

FILING DATE: 10/25/2001
ISSUE DATE:

SERIAL NUMBER: 10016511
PATENT NUMBER:

FILING DATE: 12/10/2001
ISSUE DATE:

013933/0834 PAGE 2

SERIAL NUMBER: 10146624
PATENT NUMBER:

FILING DATE: 05/14/2002
ISSUE DATE:

SERIAL NUMBER: 10251220
PATENT NUMBER:

FILING DATE: 09/19/2002
ISSUE DATE:

SERIAL NUMBER: 10277769
PATENT NUMBER:

FILING DATE: 10/22/2002
ISSUE DATE:

SERIAL NUMBER: 10361305
PATENT NUMBER:

FILING DATE: 02/10/2003
ISSUE DATE:

SERIAL NUMBER: 10426008
PATENT NUMBER:

FILING DATE: 04/29/2003
ISSUE DATE:

SERIAL NUMBER: 07388579
PATENT NUMBER: 5091697

FILING DATE: 07/31/1989
ISSUE DATE: 02/25/1992

SERIAL NUMBER: 07604220
PATENT NUMBER: 5165269

FILING DATE: 10/29/1990
ISSUE DATE: 11/24/1992

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FILING DATE: 07/23/1990
ISSUE DATE: 12/15/1992

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FILING DATE: 07/17/1992
ISSUE DATE: 07/12/1994

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ISSUE DATE: 01/31/1995

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PATENT NUMBER: 5386150

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ISSUE DATE: 01/31/1995

SERIAL NUMBER: 09736473
PATENT NUMBER: 6437739

FILING DATE: 12/13/2000
ISSUE DATE: 08/20/2002

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PATENT NUMBER: 6466846

FILING DATE: 02/21/2001
ISSUE DATE: 10/15/2002

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PATENT NUMBER: 6473003

FILING DATE: 03/02/2001
ISSUE DATE: 10/29/2002

SERIAL NUMBER: 09835091
PATENT NUMBER: 6469660

FILING DATE: 04/13/2001
ISSUE DATE: 10/22/2002

SERIAL NUMBER: 09873969
PATENT NUMBER: 6542810

FILING DATE: 06/04/2001
ISSUE DATE: 04/01/2003

SERIAL NUMBER: 09901415
PATENT NUMBER: 6564149

FILING DATE: 07/09/2001
ISSUE DATE: 05/13/2003

SERIAL NUMBER: 09981677
PATENT NUMBER: 6545631

FILING DATE: 10/17/2001
ISSUE DATE: 04/08/2003

013933/0834 PAGE 3

SERIAL NUMBER: 09892597
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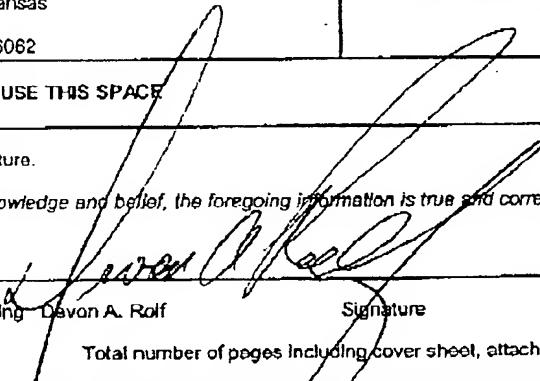
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ISSUE DATE: 07/15/2003

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PATENT NUMBER: D355644

FILING DATE: 07/22/1993
ISSUE DATE: 02/21/1995

PAULA MCCRAY, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

LEGAL
09/04/2003
700042681

FORM PTO-1595		RECORDATION FORM COVER SHEET PATENT AND TRADEMARK OFFICE		U.S. DEPT. OF COMMERCE	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): UPS Aviation Technologies, Inc. Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: Garmin AT, Inc. Internal Address: Street Address: 2345 Turner Road SE City: Salem State: Oregon Zip: 97302 Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
3. Nature of Conveyance: <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input checked="" type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: 8-25-03					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s): 09/892,165; 10/029,094; 10/033,299; 10/016,511; 10/148,624; 10/251,220; 10/277,769; 10/361,305; 10/426,008 B. Patent No.(s): 5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,388,150; 6,437,739; 6,466,846; 6,473,003; 6,489,660; 6,542,810; 6,564,149; 6,545,631; 6,594,578; D-355,644 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Devon A. Rolf Internal Address: Garmin International, Inc. Street Address: 1200 East 151 st Street City: Olathe State: Kansas Zip: 66062		6. Total number of applications and patents involved: 24 7. Total fee (37 CFR 3.41) \$ 960.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit Account No.: 501-791 (Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. 					
Name of person signing: Devon A. Rolf		Signature		Date: 9/4/2003	
Total number of pages including cover sheet, attachments, and document: 3					

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TO: Assignment Recordation Services
COMPANY: USPTO
FAX #: (703) 306-5995
FROM: Devon A. Rolf, Assistant General Counsel—Intellectual Property
GARMIN International, Inc. (E-mail: devon.rolf@garmin.com)
DATE: September 4, 2003

FACSIMILE COVER SHEET (Page 1 of 4)

Attached is a Recordation form Cover Sheet for recording the attached Change of Name against the listed patents and patent applications. The Commissioner is hereby authorized to charge the full amount, or any portion thereof, or credit any overpayment, to Deposit Account No. 501-791.



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COMPANY: USPTO
FAX #: (703) 306-5995
FROM: Devon A. Rolf, Assistant General Counsel—Intellectual Property
GARMIN International, Inc. (E-mail: devon.rolf@garmin.com)
DATE: September 4, 2003

FACSIMILE COVER SHEET (Page 1 of 4)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): UPS Aviation Technologies, Inc.

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of Conveyance:

☐ Assignment ☐ Merger☐ Security Agreement ☒ Change of Name☐ Other: _____

Execution Date: 8-25-03

2. Name and address of receiving party(ies):

Name: Garmin AT, Inc.

Internal Address:

Street Address: 2345 Turner Road SE

City: Salem

State: Oregon

Zip: 97302

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: ____

A. Patent Application No.(s): 09/892,166; 10/029,094;
10/033,299; 10/016,511; 10/146,624; 10/251,220;
10/277,769; 10/361,305; 10/426,008

B. Patent No.(s):

5,091,697; 5,165,269; 5,172,052; 5,329,260; 5,386,084; 5,386,150;
6,437,739; 6,466,846; 6,473,003; 6,469,660; 6,542,810; 6,564,149;
6,545,631; 6,594,578; D-355,644Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Devon A. Rolf

Internal Address: Garmin International, Inc.

Street Address: 1200 East 151st Street

City: Olathe

State: Kansas

Zip: 66062

6. Total number of applications and patents involved:.....24

7. Total fee (37 CFR 3.41)

\$ 960.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit Account No.: 501-791

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name of person signing Devon A. Rolf

Signature

Date 9/4/2003

Total number of pages including cover sheet, attachments, and document: 3

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CERTIFICATE

State of Oregon

OFFICE OF THE SECRETARY OF STATE
Corporation Division

I, BILL BRADBURY, Secretary of State of Oregon, and Custodian of the Seal of said State, do hereby certify:

That the attached copy of the
Articles of
Amendment
filed on
August 25, 2003
for
UPS AVIATION TECHNOLOGIES, INC.
changing the name to
GARMIN AT, INC.
is a true copy of the original document
that has been filed with this office.



In Testimony Whereof, I have hereunto set
my hand and affixed hereto the Seal of the
State of Oregon.

BILL BRADBURY, Secretary of State

By

A handwritten signature in dark ink, appearing to read "Heather S. Davis", written over a horizontal line.

Heather S. Davis

August 25, 2003



Phone: (503) 986-2200
Fax: (503) 378-4381

Secretary of State
Corporation Division
255 Capitol St. NE, Suite 151
Salem, OR 97310-1327
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Articles of Amendment—Business/Professional/Nonprofit

Check the appropriate box below:

- ☒ BUSINESS/PROFESSIONAL CORPORATION
(Complete only 1, 2, 3, 4, 6, 7)
☐ NONPROFIT CORPORATION
(Complete only 1, 2, 3, 5, 6, 7)

FILED

AUG 25 2003

OREGON
SECRETARY OF STATE

REGISTRY NUMBER: 159212-16

In keeping with Oregon Statute 192.410-192.595, the information on the application is public record.
We must release this information to all parties upon request and it may be posted on our website.

For office use only

Please Type or Print Legibly in Black Ink.

1) NAME OF CORPORATION PRIOR TO AMENDMENT: UPS Aviation Technologies, Inc.

2) STATE THE ARTICLE NUMBER(S) AND SET FORTH THE ARTICLE(S) AS IT IS AMENDED TO READ. (Attach a separate sheet if necessary.)

Article 1 of the Amended and Restated Articles of Incorporation is amended to read in full as follows:

"The name of the corporation is Garmin AT, Inc."

3) THE AMENDMENT WAS ADOPTED ON: August 22, 2003

(If more than one amendment was adopted, identify the date of adoption of each amendment.)

BUSINESS/PROFESSIONAL CORPORATION ONLY

4) CHECK THE APPROPRIATE STATEMENT

- ☒ Shareholder action was required to adopt the amendment(s). The vote was as follows:

Class or series of shares	Number of shares outstanding	Number of votes entitled to be cast	Number of votes cast FOR	Number of votes cast AGAINST
Common	100	100	100	0

- ☐ Shareholder action was not required to adopt the amendment(s). The amendment(s) was adopted by the board of directors without shareholder action.

- ☐ The corporation has not issued any shares of stock. Shareholder action was not required to adopt the amendment(s). The amendment(s) was adopted by the incorporators or by the board of directors.

NONPROFIT CORPORATION ONLY

5) CHECK THE APPROPRIATE STATEMENT

- ☐ Membership approval was not required. The amendment(s) was approved by a sufficient vote of the board of directors or incorporators.

- ☐ Membership approval was required. The membership vote was as follows:

Class(es) entitled to vote	Number of members entitled to vote	Number of votes entitled to be cast	Number of votes cast FOR	Number of votes cast AGAINST

6) EXECUTION
Printed Name

Andrew R. Etkind

Signature

Andrew R. Etkind

Title

General Counsel & Secretary

7) CONTACT NAME (To resolve questions with this filing.)

Andrew R. Etkind

DAYTIME PHONE NUMBER (Include area code.)

(913) 440-1212

FEES

Required Processing Fee \$20

Processing Fees are nonrefundable

Please make check payable to "Corporation Division."

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